



WRP Asia Pacific Sdn Bhd

147817V

K032464

ATTACHMENT 1

AUG 22 2003

**SPECIAL 510(k) SUMMARY**

**1.0 Submitter:**

Name: WRP Asia Pacific Sdn Bhd  
Address: Lot 1, Jalan 3, Kawasan Perusahaan Bandar Baru Salak Tinggi,  
43900 Sepang, Selangor Darul Ehsan, MALAYSIA  
Phone No.: +60 3 8706 1486  
Fax No.: +60 3 8706 1557

Date of Summary Prepared: **07 AUG 2003**

**2.0 Contact Person:**

Name: Mr. Terence Lim  
Phone No.: +60 3 8706 1486  
Fax No.: +60 3 8706 1557

**3.0 Modified Device Identification:**

Trade Name: 1) Aloetouch, and  
2) Multiple or Customers' Trade Name  
Device Name: Powder Free Latex Surgical Gloves, Sterile, Coated with Aloe  
Vera and with Protein Content Labeling Claim (50  
micrograms or less)  
Common Name: Surgical Gloves  
Classification Name: Surgeon's Gloves (per 21 CFR 878.4460)

**4.0 Identification of the Legally Marketed Device:**

Class I Powder Free natural rubber latex surgeon's gloves, 79KGO, that meets all the requirements of ASTM standard D 3577 - 01a<sup>E2</sup> Type 1 and FDA 21 CFR 800.20.

**5.0 Description of Device Modification:**

The Powder Free Latex Surgical Gloves, Sterile, Coated with Aloe Vera and with Protein Content Labeling Claim (50micrograms or less) is equivalent to the exiting model, i.e. Powder Free Green Latex Surgical Gloves, Sterile with Aloe Vera and Protein Content Labeling Claim (50 micrograms or less) which had submitted and cleared under 510(k) number K022442.





The difference in this submission is:

- a) No colour additive is added.

The modification of device does not affect the intended use of the device as well as it does not affect its safety and effectiveness. The indication for use and proposed labeling for the device are illustrated in subsequent sections.

The Powder Free Latex Surgical Gloves, Sterile, Coated with Aloe Vera and with Protein Content Labeling Claim (50 micrograms or less) meets all the requirements of ASTM standard D 3577 – 01a<sup>E2</sup> and FDA 21 CFR 800.20.

## 6.0 Intended Use of the Device:

The Powder Free Latex Surgical Gloves, Sterile, Coated with Aloe Vera and with Protein Content Labeling Claim (50 micrograms or less) are made of natural rubber latex intended to be worn on the hand of healthcare personnel, operating room personnel and similar personnel to prevent contamination between the healthcare or similar personnel and the patient's body, fluids, waste, or environment.

## 7.0 Summary of Technological Characteristics for the Modified Device:

The Powder Free Latex Surgical Gloves, Sterile, Coated with Aloe Vera and with Protein Content Labeling Claim (50 micrograms or less) are summarized with the following technological characteristics compared to ASTM or equivalent standards.

CHARACTERISTICS	STANDARDS	DEVICE PERFORMANCE
Dimensions	ASTM D 3577 – 01a <sup>E2</sup>	Meets
Physical Properties	ASTM D 3577 – 01a <sup>E2</sup>	Meets
Freedom from pinholes	ASTM D 3577 – 01a <sup>E2</sup> FDA 21 CFR 800.20	Meets
Powder Residual	ASTM D 6124 – 01	Meets < 2 mg/glove
Protein Level	ASTM D 5712 – 99	< 50 µg/g
Biocompatibility	Primary Skin Irritation in Rabbits	Passes (Not a primary skin irritant)
	Dermal Sensitization	Passes (Not a contact sensitizer)





## 8.0 Conclusion:

The Powder Free Latex Surgical Gloves, Sterile, Coated with Aloe Vera and with Protein Content Labeling Claim (50 micrograms or less) will perform according to the glove performance standards referenced in section 7 above and meet ASTM standards, and FDA requirements for waterleak test on pinhole AQL. Consequently, this device is substantially equivalent to currently marketed devices.





Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

AUG 22 2003

Mr. Terence Lim  
Associate Manager, RA/QA  
WRP Asia Pacific Sdn Bhd  
Lot 1, Jalan 3, Kawasan Perusahaan  
Bandar Baru Salak Tinggi,  
43900 Sepang,  
Selangor Darul Ehsan,  
MALAYSIA

Re: K032464

Trade/Device Name: Powder Free Latex Surgical Glove Sterile, Coated with Aloe Vera and with Protein Content Labeling Claim (50 Micrograms or less)  
Regulation Number: 878.4460  
Regulation Name: Surgeon's Glove  
Regulatory Class: I  
Product Code: KGO  
Dated: August 7, 2003  
Received: August 11, 2003

Dear Mr. Lim:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.



Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4618. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink that reads "Susan Runner". The signature is fluid and cursive, with the first name "Susan" and last name "Runner" clearly distinguishable.

Susan Runner, DDS, MA  
Interim Director  
Division of Anesthesiology, General Hospital  
Infection Control and Dental Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure





## INDICATIONS FOR USE

Applicant: WRP Asia Pacific Sdn Bhd

510(k) Number (if known): K032464

Device Name: POWDER FREE LATEX SURGICAL GLOVES,  
STERILE, COATED WITH ALOE VERA AND  
WITH PROTEIN CONTENT LABELING CLAIM  
(50 MICROGRAMS OR LESS)

### Indications For Use:

The surgeon's glove is a device made of natural rubber latex intended to be worn by surgeons and/or operating room personnel to protect a surgical wound from contamination.

\_\_\_\_\_  
Concurrence of CDRH, Office of Device Evaluation (ODE)

(Division Sign-Off)  
Division of Anesthesiology, General Hospital,  
Infection Control, Dental Devices

510(k) Number: K032464

Prescription Use \_\_\_\_\_ OR Over-The-Counter \_\_\_\_\_  
(Per 21 CFR 801.109)